T BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

I st And Final Bill

Work code 005-16-000035

M. A. R. 57 (Rule 116) EST Cost Rs - 25.00 Lacs

Measurement Book No. B 264124

Serial No. .....

Name of Work Developmental Works for Providing Drinking Water Fecility in Jakkur From ..... To Ward No. 05. BR-AA6

Name of Contractor of nature of Agency KRIDL, East Park Road Malleshwaram, Bangalore - 03. 31-8-16

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	SBRNO: 72/16-17 30/08/16						
	Work order No. BBMP/EE/BTP/WO/62/2016-17						
(1)	Geophysical investigation & site for sinking borewell to for supplying drinking water to the habitation either through the hand pump MWS or PWSS by vertical electrical Sounding by adopting Venner or Schlumberger's method including reconnaissance Survey & Geological formation Geological investigation & existing ground water in vicinity is study						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and acceptability & the users indicating the location & size recommended depth & casing pipe required so that seal the top unconsolidated formation for inch ding an extra depth of 1.0 mtr in Consolidated formation for proper seating & casing pipe depth & drilling depth & cover free depth engaging to Technical personal and labour required etc. complete.						
	(1) Muneshwara layout (Kattigenahalli) 3rd Cross	1	-	-	-	1	
	(2) Balaji Krupa layout 11th cross	1	-	-	-	1	
	(3) Aghrahara layout 8th Cross (Hari Hara Temple Back side)	1	-	-	-	1	
						3 Nos	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Cancelled Page 13 / 16 AC-05 CSR 1938 : 46
	2) Sinking & bore well hydraulic rig & ... above in all strata ... & casing pipes ... and welding ... vertical ... including yield test ... working & ... pipes ...

OK

Depth 6	Contents 7	Reference to last Measurement 8
ndicating the location		
sing Pile reamed		
ed formation for inch		
Consolidated formation		
deem & Drilling team		
Technical personal and		
	1	
-	1	
-	1	
-	1	
	3 Nos.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264125

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Carried Page 13 Part II AC-05 to CSAC						5815:38
	2) Sinking & bore well & 165 mm dia clear using super fast hydraulic rig & capacity 250 PSI & above 900 CMF and above in all Strata including over burden upto 20 Mts fixing & casing Pipes Coreens and Cap with necessary Casting shoeing and welding including transportation & rig and supporting vehical Crew charges and cost & consumables etc. complete including yield testing as per final depth with minimum working & Compressor for one hour (excluding cost & Casing Pipes Coreens Cap etc..) 0 to 50.00 Mts.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Muneshwara layout (3rd cross) ①	1	50.00	-	-	50.00	
	Balaji Krupa layout (11th cross) ②	1	50.00	-	-	50.00	
	Aghrahara layout (8th cross) ③	1	50.00	-	-	50.00	
		Cft				150.00	MW
		M					47277:00
	Rate 315:18						
(3)	50 to 100.00 MW						
	①	1	50.00	-	-	50.00	
	②	1	50.00	-	-	50.00	
	③	1	50.00	-	-	50.00	
		Cft				150.00	MW
		M					61800:00
	Rate 412:00						
(4)	100 to 150.00 MW						
	①	1	50.00	-	-	50.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Num
1	2	3
	②	1
	③	1
	Rate 458:35	
(5)	150 to 200.00 MW	
	①	1
	②	1
	③	1
	Rate 484:10	

BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-	-	50.00	
-	-	50.00	
-	-	50.00	
		150.00 MW	47277:00
-	-	50.00	
-	-	50.00	
-	-	50.00	
		150.00 MW	61800:00
-	-	50.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264126

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	②	1	50.00	-	-	50.00	
	③ M	1	50.00	-	-	50.00	
						150.00 MW	68752:50
	Rate 458:35						
⑤	150 to 200.00 MW						
	①	1	50.00	-	-	50.00	
	② Cft	1	50.00	-	-	50.00	
	③ M	1	50.00	-	-	50.00	
						150.00 MW	72615:00
	Rate 484:10						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(6)	200 to 250.00 MM						
	(1) Cft	1	50.00	-	-	50.00	
	(2) Cft	1	50.00	-	-	50.00	
	(3) ON	1	50.00	-	-	50.00	
	Rate 560.32					150.00 MM	84048:00
(7)	250 to 300.00 MM						
	(1)	1	50.00	-	-	50.00	
	(2) Cft	1	50.00	-	-	50.00	
	(3) ON	1	50.00	-	-	50.00	
	Rate. 600:49					150.00 MM	90073:50

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(8)	300 to 350.00 MM
	(1)
	(2) Cft
	(3) ON
	Rate 650:46
9)	Supplying & ISI M
	ERW Casing Pipe &
	Continuous welded

T BOOK

nsions Breadth 5	nsions Depth 6	Contents 7	Reference to last Measurement 8
-	-	50.00	
-	-	50.00	
-	-	50.00	
		150.00 MW	84048:00
-	-	50.00	
-	-	50.00	
-	-	50.00	
		150.00 MW	90073:50

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264127

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(8)	300 to 350.00 MW						
	(1)	1	49.00	-	-	49.00	
	(2) C/fr	1	50.00	-	-	50.00	
	(3) MW	1	49.00	-	-	49.00	
						148.00 MW	96268:08
	Rate 650:46						
	Cancelled 16/7/16 AE-93						
9)	Supplying & Insl manle 175 mm nominal bore medium grade ERW Casing Pipe & 5 mm thick black electric resistance Continuous welded mild Steel tube material conforming						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	to IS 1387/1993 and manufactured from hot rolled Steel Sheep/Ships in random lengths 8 to 7 mm form ends threaded conforming to IS 554/1985 one end (inclusive of all taxes).						
	① Mukeshwara layout 3rd cross	1	54.00	-	-	54.00	
	② Balaji Krupa layout 11th cross	1	52.00	-	-	52.00	
	③ Agraharara layout 8th cross	1	79.00	-	-	79.00	
						185.00 mtr	
			limited to			180.00 mtr	
16/3/	Rate 1325:00						238500:00

C&tc on

C&tc Mbmbo

AE

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
10)	Providing Specifica
11)	Rate 113 175 mm dia

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
aasured		from	hot rolled
dam		Cengths 8 4	to 7 mm dam
to CS	554/	1985 one end (insid	
		54.00	
-	-	52.00	
-	-	79.00	
		185.00 mm	
wed	to	180.00 Mtr	
		238500.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264128

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
10)	Providing and fixing 250mm dia PVC Pipe and as per specification and direction.						
	①	1	20.00	-	-	20.00	
	② Cft	1	20.00	-	-	20.00	
	③ RM	1	20.00	-	-	20.00	
						60.00 Mtr	67980.00
	Rate 1133.00						
11)	175mm dia MS casing cap.						
	①	1	-	-	-	1	
	② Nos	1	-	-	-	1	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	③	1	-	-	-	1	
						3 No.	300:00
	Rate 100:00						
12)	MS Casing Pipe Collars C class.						
	①	9	-	-	-	9	
	② Cntd	9	-	-	-	9	
	③ only	13	-	-	-	13	
						31 No.	
				Limited to		30 No.	
							4500:00
	Rate 150:00						
	Cntd Mlacuh						

Serial No. .....

Name of Work ..... Fro

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
13)	Supply and Delivery ... Sabar/Atlanta/Calah HP deep well submersible installation in 150 dia or more stage CF Pump Steel Coupling to suit and sized motor pump set three induction motor 3 phase AC supply 50 cycles induction ...	

oth 6	Contents 7	Reference to last Measurement 8
	288·00	
	900.00 Mtr	288900·00
Coverings.		
-	56	
-	54	
-	53	
	165 Nos.	24750·00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264131

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	16) Supplying and drawing 3 core PVC Sheathed Submersible Pump Cable manufactured with electrolytic grade copper with flexible copper Conductor Conforming to table 3 of IS 8130-1984 and virgin grade PVC insulation and Sheathed Suitable for working voltage upto 1100 volts H 3 sq mm 7 56 Strands 0.3mm dia.						
	① Mruneshwara layout 3rd cross	1	684.00	-	-	684.00	
	② Balaji Krupa layout 11th cross	1	660.00	-	-	660.00	

W.O. 23/7

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	3) Agrahara layout 8th cross checked Slip No (16)	1	678.00	-	-	678.00	
						2022.00 MN	
	Rate - 159:50					32,2509:00	
	cafe						
	17) Supplying and delivery of size brand new/essen Lotus Sunshine/Adarsh/GK Controls best indigenous make Combine energy meter cum Control Panel board unit of size 1200 x 600 x 300 mm minimum me- chanically strong and vermin and dust proof un unit shall have two detachable doors suitable						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Sen operation with spring lo be provided ins variations Stan cum Control Pan on 3Ph 50 x2 380 Compacted Panel to 15 HP with Star (1) Muneshwara lay out 3rd Cross.

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
-	-	678.00	
		2022.00 MN	
		322509:00	

af Sire brand 1kw/Essen
HP Controls best indigenou
meter cum Control panel
00 x 300 mm minimum me
mm and Dasser Proof m
efacepate doors Suitable

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264132

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	for operation on 3Ph 50x2 380/440 VOLTS AC Supply with spring loaded latch locking with a key shall be provided inside the door canopy apron and louvers ventilations shall be provided the combined energy meter cum Control Panel board unit Suitable for operation on 3Ph 50 x2 380/440 VAC supply shall be consisted of Compressed Panel Board for Suitable pump 5HP upto 15 HP with Star delta Starter(MR).						
	(1) Muneshwara Layout 3rd Cross.	1	-	-	-	1	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
...p into trenches [layi... ...s lining as joints ...approved type with ...ulling curves isu... ...und be adeen not... ...or selected earth availa... ...m Rese.		
...ecorded vide		
7	& Ref MB. 696.00 MW	293628:4

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264143

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(39)	Refilling available earth around Pipe lines cases in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with cool upto 50 mm and lift upto 1.50 mm including cost & all cages complete as per Specification.						
	Quantity vide Item no. (37)					313.20 M3	
	Rate 76:32						23903:42
	Ramesh 20/7/16 AE-05						

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24
30/07/2016

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
					Total Rs -		2269,842= 2273255
					Add 8% & KRIDL Charges-Rs		181260 181587=
					Grand Total Rs		2455115 24,57,430=
	Certificate -						
	1) Certified that the Work is Done Satisfactorily						
	2) This bill Amount has not been claimed in any previous bill.						
	Checked 30/7/16 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						
	Allowed Rs 30/7/2016 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ..
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	This pertains to Kogilu Main Road
	Checked 30/7/16 ಸಹಾಯಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		Total Rs - 227325	2269,842
		KRIDL Charges-Rs 18186	18186
		Grand Total Rs- 245511	24,51,430=
		ork done Satisfactory	
		not been viewed in	

7/2016
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬ್ಯಾ ಉಪ ವಿಭಾಗ
-24

M. A. R. 57 (Rule 116)
Measurement Book

No. B 264144

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work ..... Agrahara Lay out

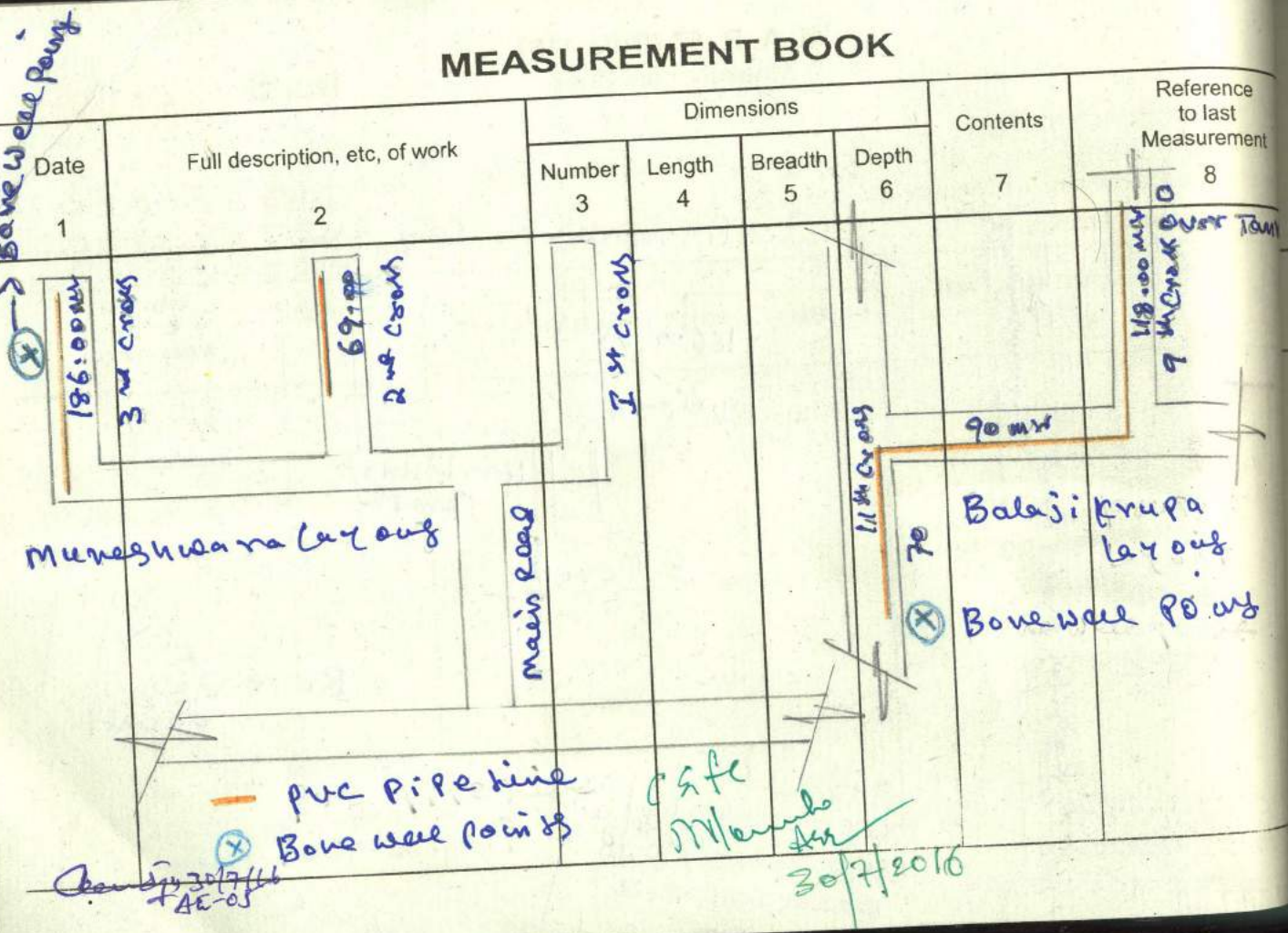
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Kodigehalli Main Road This pavement		166.00 mtr				
			9 M cross				
							Hari Hara Temple
			8 M cross				
							X Bore well point

Road 7/10/2016
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Mbundle
ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು 30/11/2016
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



Serial No. .....
Name of Work .....
Name of Contractor of nature of A
Date of commencement of work ...

Date	Full description, etc, of v
1	2

BOOK

...ons		Contents	Reference to last Measurement
...readth 5	Depth 6	7	8

118.00 mtrs

9 th Cross Road

90 mtrs

11 th Cross Road

70

Balaji Krupa layout

⊗ Borewell 90 mtrs

30/7/2016

M. A. R. 57 (Rule 116)

Measurement Book

No. B 264145

...rial No. ....

...me of Work .... From.............................. To..................................

...me of Contractor of nature of Agency ....

...te of commencement of work ....

...ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
	24,51,430=00 3,24,051=00 21,27,379=00			IT - 49029- VAT - 98057- LWC - 24514- CBF - 2451- FSD - 150,000= 3,24,051=00			
		22/9/16					